

### REMARKS

The non-final Office Action mailed April 21, 2005, has been reviewed and carefully considered. Claims 1, 15, 18, 20, 24 and 25 have been amended and claim 19 has been canceled. Claims 1-29 are pending in the application.

In paragraph two on page two of the Office Action, claims 1, 15, 18, 20, 24 and 25 were rejected under § 112, first paragraph. Claims 2-14, 16, 17, 19, 21-23, and 26-29 are rejected based on their dependency on the rejected independent claims.

In paragraph three on page three of the Office Action, claim 19 was rejected under § 112, first paragraph.

Applicant respectfully traverses the § 112, first paragraph rejection, but in the interest of expediting prosecution have amended the claims to overcome the rejection.

Applicant acquiesces that every print job will not be printed even with the use of their invention. Applicant's invention merely resolves the problem of print queue naming problems. The problems outlined in the final rejection involve a different problem than the problem being address by the Applicant.

For example, jobs sent to the wrong server can actually be printed by the printer because of Applicant's residual queue and residual queue filter. Having the incorrect name would not rose a problem to Applicant's invention. Further, if a printer "went down", obviously no print jobs directed to that printer could be printed. However, a job meant for a down printer could be printed by an alternate printer implementing Applicant's invention even if the queue name was incorrect.

Color issues, file types and fonts are issues that are handled by print servers known in the art. These are the typical status and error messages provided by print drivers and/or print servers that are known in the art. In any event, such problems may not be fatal.

Incomplete print jobs or print jobs that contain errors are typically not printed by printers. In such an event, status is communicated back to the client so that the client can take corrective action is possible. The same can be said for improperly processed print jobs or jobs meant for a different type of printer.

More importantly, these issues are not issues that the present invention is meant to address. Applicant is required only to enable one of skill in the art to make and use the full scope of the claimed invention. The enablement requirement is met if the description enables any mode of making and using the claimed invention. Applicant is not required to explain every little detail as to how to make and use the invention. Moreover, Applicant respectfully submits that the scope of the enablement is commensurate with the scope of the claims.

Applicant discloses that a print server system is provided to process print jobs. The print server acts as a buffer, holding the information to be printed in memory until the printer is available. Print server software can report the status of print jobs waiting for printing, and can recognize the priority assigned to specific users. Print server generate an error message if the print job cannot be printed or is an error occurs during printing . For example, in previous print servers, when an incorrect queue name is used in a print command, the print job will be rejected by the print server, or may be received but ignored. Thus, the print job may be rejected by the print server.

Accordingly, not all print jobs are printed. In fact, Applicant's invention is directed to providing a way to execute print jobs that are directed to nonexistent or otherwise undefined print queues associated with a printing device, and is not relevant to resolving print errors or other printing problems that are cause by any problem other than misnamed or undefined print queues.

Thus, Applicant respectfully submits that the claims, as amended, meet the requirements of 35 U.S.C. 12, paragraph one.

With regard to the rejection of claim 19 under § 112, first paragraph, Applicant has canceled claim 19 to remove the rejection of claim 19 from issue.

In paragraph four on page three of the Office Action, claims 1-7, and 9-29 were rejected under § 103(a) as being unpatentable over Hower, Jr. et al. (US 5,467,434) in view of Yellepeddy et al. (US 6,288,790).

In paragraph five on page 11 of the Office Action, Claim 8 is rejected under § 103(a) as being unpatentable over Hower in view of Yellepeddy as applied to independent Claim 1 and dependent Claim 7 above, and further in view of McLaughlin.

Applicant respectfully traverses the 35 U.S.C. § 103(a) rejections. Applicant's independent claims require at least "receiving print jobs; forwarding print jobs having a print queue designation that matches a named print queue in the printing device to the designated print queue; forwarding print jobs having a print queue designation that does not match a named print queue in the printing device to the residual print queue; and printing a print job forwarded to the residual print queue."

In contrast, Hower, Jr. et al. disclose a method for determining printer option availability, wherein a plurality of printers each have separate printer profiles. However, as indicated in the Office Action, Hower, Jr. et al. do not disclose the idea of a residual queue to handle print jobs having unrecognized print queue names.

Yellepeddy fails to overcome the deficiencies of Hower, Jr. et al. Yellepeddy discloses a mobile support facility for printing. Yellepeddy discloses that a local transient printer queue is automatically created and all print jobs submitted by the client data processing system are spooled to the transient printer queue when a client data processing system is disconnected from a desired remote print server, or the remote print server is otherwise inaccessible. However, according to Yellepeddy, the transient print queue receives print jobs that have designations that match a print queue that is disconnected or otherwise unavailable.

Thus, Yellepeddy fails to disclose, teach or suggest at least "forwarding print jobs having a print queue designation that does not match a named print queue in the printing device to the residual print queue."

The Advisory Action indicated that "any time a print queue is not found, it is assumed to be unavailable and all jobs that do not find a matched queue are forwarded/spooled to the transient/residual queue." However, Yellepeddy does not forward print jobs having a print queue designation that does not match a named print queue in the printing device to a residual print queue and then forward print jobs from the residual print queue to a print engine for printing. Rather, Yellepeddy provides a transient queue for temporarily holding a print job until a connection is reestablished. Then, the print job is rerouted to the print server. Thus, the print job would be placed in a queue for printing by the printer. Thus, a residual queue is not provided by Yellepeddy

and Yellepeddy does not forward print jobs from the residual print queue directly to a print engine for printing. Rather, the print job is rerouted from the transient queue back to the print server.

Accordingly, Hower, Jr. et al. and Yellepeddy alone or in combination, fail to disclose, teach or suggest all of the limitations of Applicant's application. Thus, Applicant asserts that the § 103(a) rejections are improper and request that the rejections be withdrawn.

McLaughlin fails to overcome the deficiencies of Hower, Jr. et al. and Yellepeddy. McLaughlin is merely cited as teaching the use of the Line Printer Daemon (LPD) protocol. McLaughlin fails to even mention the problem of print jobs having unrecognized print queue names. Thus, Hower, Jr. et al., Yellepeddy and McLaughlin, alone or in combination, fail to disclose, teach or suggest all of the limitations of Applicant's application. Thus, Applicant asserts that the § 103(a) rejections are improper and request that the rejections be withdrawn.

Dependent claims 2-14, 16-17, 21-23, and 26-29 are also patentable over the references, because they incorporate all of the limitations of the corresponding independent claims 1, 15, 18, 20 and 25. Further dependent claims 2-14, 16-17, 21-23, and 26-29 recite additional novel elements and limitations. Applicant reserves the right to argue independently the patentability of these additional novel aspects. Therefore, Applicant respectfully submits that dependent claims 2-14, 16-17, 21-23, and 26-29 are patentable over the cited references, and request that the objections to the independent claims be withdrawn.

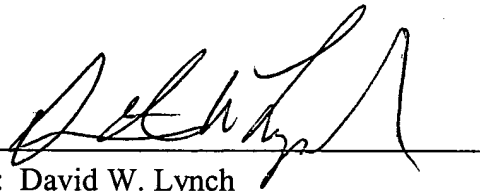
On the basis of the above amendments and remarks, it is respectfully submitted that the claims are in immediate condition for allowance. Accordingly, reconsideration of this application and its allowance are requested.

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If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Attorney for Applicant, David W. Lynch, at 423-757-0264.

Respectfully submitted,

Chambliss, Bahner and Stophel  
1000 Tallan Building  
Two Union Square  
Chattanooga, TN 37402  
423-757-0264

By:   
Name: David W. Lynch  
Reg. No.: 36,204